

In the Claims:

1. (Amended) An angle measuring device for measuring an angular position of a stationary object with respect to an object which is rotatable around an axis of rotation, comprising:

a rotor comprising a graduation, which is connected to said rotatable object, which rotates about an axis of rotation;

a stator comprising a scanning unit for scanning said graduation, which rotates in relation to said scanning unit;

a coupler fastened to said stator so as to seat said stator on said stationary object that comprises a contact face which extends transversely with respect to said axis of rotation, wherein said coupler comprises a contact face that extends transversely with respect to said axis of rotation and engages said contact face of said stationary object so that a clamping force is generated so as to fasten said coupler to said stationary object and wherein said coupler is fixed against relative rotation, but is radially and/or axially elastic.

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3. (Amended) An angle measuring device for measuring an angular position of a stationary object with respect to an object which is rotatable around an axis of rotation, comprising:

a rotor comprising a graduation, which is connected to said rotatable object, which rotates about an axis of rotation;

a stator comprising a scanning unit for scanning said graduation, which moves in relation to said scanning unit;

a coupler fastened to said stator by being clamped against a circumferential face of said stationary object so as to seat said stator on said stationary object that comprises a contact face which extends transversely with respect to said axis of rotation, wherein said coupler comprises a contact face that extends transversely with respect to said axis of rotation and engages said contact face of said stationary object so that a clamping force is generated so as to fasten said coupler to said stationary object and wherein said coupler is fixed against relative rotation, but is radially and/or axially elastic, wherein said coupler comprises an area which is radially spread against an inner face and an outer face of said stationary object.

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16. (Amended) An angle measuring device for measuring an angular position of a stationary object with respect to an object which is rotatable around an axis

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of rotation, comprising:

a rotor comprising a graduation, which is connected to said rotatable object, which rotates about an axis of rotation;

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5 moves in relation to said scanning unit;

a coupler fastened to said stator so as to seat said stator on said stationary object that comprises a contact face which extends transversely with respect to said axis of rotation, wherein said coupler comprises a contact face that extends transversely with respect to said axis of rotation and engages said contact face of said stationary object so 10 that a clamping force is generated so as to fasten said coupler to said stationary object and wherein said coupler is fixed against relative rotation, but is radially and/or axially elastic; and

wherein said rotor is connected with said rotating object by an axially extending screw, and said clamping force takes place by axial displacement of said 15 screw.

17. (Amended) An angle measuring device for measuring an angular position of a stationary object with respect to an object which is rotatable around an axis of rotation, comprising:

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a rotor comprising a graduation, said rotor is connected to said rotatable object which rotates about an axis of rotation;

a stator comprising a scanning unit for scanning said graduation, which rotates in relation to said scanning unit;

5 a coupler fastened to said stationary object so as to seat said stator on said coupler that comprises a contact face which extends transversely with respect to said axis of rotation, wherein said stator comprises a contact face that extends transversely with respect to said axis of rotation and engages said contact face of said coupler so that a clamping force is generated so as to fasten said stator to said coupler and wherein said 10 coupler is fixed against relative rotation, but is radially and/or axially elastic.

18. (Amended) An angle measuring device for measuring an angular position of a stationary object with respect to an object which is rotatable around an axis of rotation, comprising:

15 a rotor comprising a graduation, said rotor is connected to said rotatable object which rotates about an axis of rotation;

a stator comprising a scanning unit for scanning said graduation, which moves in relation to said scanning unit;

a coupler fastened to said stationary object so as to seat said stator on said

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coupler that comprises a contact face which extends transversely with respect to said axis of rotation, wherein said stator comprises a contact face that extends transversely with respect to said axis of rotation and engages said contact face of said coupler so that a clamping force is generated so as to fasten said stator to said coupler and wherein said 5 coupler is fixed against relative rotation, but is radially and/or axially elastic; and wherein said rotor is connected with said rotating object by an axially extending screw, and said clamping force takes place by axial displacement of said screw.

21. (New) The angle measuring device of claim 1, wherein said clamping 10 force is generated by axial displacement of said stator.

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22. (New) The angle measuring device of claim 17, wherein said clamping force is generated by axial displacement of said stator.

REMARKS

15 A. Objections to Claims

In the Office Action of June 14, 2002, claims 1-18 were objected to for several informalities. In particular, claims 1 and 17 were objected to for lacking antecedent basis for the phrase "said clamping face." Claims 1 and 17 have been amended so as to replace "said clamping face" with "said contact face." Accordingly, the objection has been